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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/743,960

05/11/2001

Detlef Lauk

R.35646

1639

2119

7590

09/21/2004

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EXAMINER

ABRAMS, NEIL

ART UNIT

PAPER NUMBER

2839

DATE MAILED: 09/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09
29743,960

Applicant(s)

LAUK

Examiner

Neil Abrams

Art Unit

2839

Am

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 8-9-2004
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 7-10 and 12-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 7-10 and 12-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Claims 7-10, 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Japan 10-225048 in view of APA and Haile.

See last office action.

Japan discloses a system with motor 20, gear case 24 with a cover and terminals 67. Such general is also seen to be of type discussed in APA.

An adapter is shown at 72 with contacts 83 having plug tabs at each end see fig. 10, the adapter is to be plugged onto terminals 67 and is to receive a plug 71. This is basically the material of claims 7-10, 12-14. Also obvious the adapter would be interchangeable" as is typical in the art and to use male pins or female sockets in any of the positions at 67, 83 or within plug 71. Since the adapter contacts are not clearly shown, also obvious to form them in manner of those of Haile fig. 4, at 20, 20. This would only be typical usage rather than a basic change to the Japan device. The exact configuration of the adapter, terminals etc, claims 8, 9, 10, etc does not affect manner of use and is seen to only be obvious design variations.

Claims 7-10 and 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamamoto in view of Yu, APA, Sohner, Gladd, Dolin and Murai.

See last office action. Note controller (adapters) 6, 20. the adapter contacts are not clearly shown.

Obvious to form either adapter with contacts that extend through a body in the manner of strips with tab ends formed as plugs or sockets in view of Gladd, 44, 54, Dolin at 23, 25 and Sohner at 13, and fig. 5 which shows strip like conductors at 19, 20 and 17, 18 and 12, 14 and Murai at 11. Obvious to use any such type adapter in

Yamamoto to modify circuitry. While Murai provide a circuit at 11, the device at 11 is also an adapter for changing from two terminals to three and for use in a automotive system. Obvious to use such system in Yamamoto but with contacts formed as strips in view of Gladd and to enable use with a specific plug.

Basically, using Yamamoto, fig. 8, it is submitted that obvious to form some of the body 21 feed through conductors to extend integrally through the body while being engaged by lead of component 28 just as do 44, 55 of Gladd or like some of the conductors in Sohner, adapter.

13. Also obvious to form such adapter to provide changeover in number of contacts, (i.e.. two to three).

Applicant's arguments filed with the amendment have been fully considered but they are not persuasive. See above discussions, claims are to an adapter with feed through contacts and that is what is shown by Japan see fig. 10, strip 83 with tabs at each end.

Also see Gladd, ^{it} arguments on page 1 to ^{//} casing covers do no overcome Japan patent with casing cover at 21. Use of adapters to enable single type casing to be joined to different type plugs is not reflected in claim limitation, therefor use of a adapter of Japan type or to add a circuit component as does Gladd adapter meets claim language.

Any inquiry concerning this communication should be directed to Neil Abrams at telephone number (571)272-2089.


NEIL ABRAMS
EXAMINER
ART UNIT 322